

SEQUENCE LISTING

<110> ANSELL, KEITH HUGH
 <120> Methods and Means of Screening for Rhomboid Activity
 <130> MEWE-027
 <140> 10/597,140
 <141> 2007-04-05
 <150> EP 05701920.0
 <151> 2005-01-17
 <150> PCT/GB2005/000154
 <151> 2005-01-17
 <150> US 60/536,860
 <151> 2004-01-16
 <160> 17
 <170> PatentIn version 3.3
 <210> 1
 <211> 10
 <212> PRT
 <213> Artificial sequence
 <220>
 <221> source
 <223> /note= "Description of artificial sequence: Tag sequence"
 <400> 1
 Met Arg Gly Ser His His His His His His
 1 5 10
 <210> 2
 <211> 8
 <212> PRT
 <213> Artificial sequence
 <220>
 <221> source
 <223> /note= "Description of artificial sequence: Tag sequence"
 <400> 2
 Asp Tyr Lys Asp Asp Asp Asp Lys
 1 5
 <210> 3
 <211> 15
 <212> PRT
 <213> Artificial sequence
 <220>
 <221> source
 <223> /note= "Description of artificial sequence: Tag sequence"
 <400> 3

Lys Glu Thr Ala Ala Ala Lys Phe Glu Arg Gln His Met Asp Ser
1 5 10 15

<210> 4
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 4

Trp Ser His Pro Gln Phe Glu Lys
1 5

<210> 5
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 5

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
1 5 10

<210> 6
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 6

Met Lys Ala Glu Phe Arg Arg Gln Glu Ser Asp Arg
1 5 10

<210> 7
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 7

Met Arg Asp Ala Leu Asp Arg Leu Asp Arg Leu Ala
1 5 10

<210> 8
<211> 5
<212> PRT
<213> Drosophila melanogaster

<400> 8

Ile Ala Ser Gly Ala
1 5

<210> 9
<211> 7
<212> PRT
<213> Drosophila melanogaster

<400> 9

Ala Ser Ile Ala Ser Gly Ala
1 5

<210> 10
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Endoplasmic reticulum retention signal"

<400> 10

Lys Asp Glu Leu
1

<210> 11
<211> 4
<212> PRT
<213> Drosophila melanogaster

<400> 11

Ala Ser Gly Ala
1

<210> 12
<211> 33
<212> DNA
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Primer HindSEAP For"

<400> 12
aagcttcacc atgctgctgc tgctgctgct gct

33

<210> 13

<211> 30
 <212> DNA
 <213> Artificial sequence

 <220>
 <221> source
 <223> /note= "Description of artificial sequence: Primer Eco Back"

 <400> 13
 acggaattct gtctgctcga agcggccggc 30

<210> 14
 <211> 60
 <212> DNA
 <213> Artificial sequence

 <220>
 <221> source
 <223> /note= "Description of artificial sequence: Primer 6HMRGS For"

 <400> 14
 cggaattcat gagaggatcg catcaccatc accatcacgc gagcattgcc agtggagcca 60

<210> 15
 <211> 22
 <212> DNA
 <213> Artificial sequence

 <220>
 <221> source
 <223> /note= "Description of artificial sequence: Primer BBS Back"

 <400> 15
 ctgctattgt cttcccaatc ct 22
 <210> 16
 <211> 234
 <212> PRT
 <213> D. melanogaster

<400> 16
 Met His Ser Thr Met Ser Val Gln His Gly Leu Val Ala Leu Val Leu
 1 5 10 15
 Ile Gly Cys Leu Ala His Pro Trp His Val Glu Ala Cys Ser Ser Arg
 20 25 30
 Thr Val Pro Lys Pro Arg Ser Ser Ile Ser Ser Ser Met Ser Gly Thr
 35 40 45
 Ala Leu Pro Pro Thr Gln Ala Pro Val Thr Ser Ser Thr Thr Met Arg
 50 55 60
 Thr Thr Thr Thr Thr Thr Pro Arg Pro Asn Ile Thr Phe Pro Thr Tyr
 65 70 75 80
 Lys Cys Pro Glu Thr Phe Asp Ala Trp Tyr Cys Leu Asn Asp Ala His
 85 90 95
 Cys Phe Ala Val Lys Ile Ala Asp Leu Pro Val Tyr Ser Cys Glu Cys
 100 105 110
 Ala Ile Gly Phe Met Gly Gln Arg Cys Glu Tyr Lys Glu Ile Asp Asn
 115 120 125
 Thr Tyr Leu Pro Lys Arg Pro Arg Pro Met Leu Glu Lys Ala Ser Ile
 130 135 140
 Ala Ser Gly Ala Met Cys Ala Leu Val Phe Met Leu Phe Val Cys Leu
 145 150 155 160
 Ala Phe Tyr Leu Arg Phe Glu Gln Arg Ala Ala Lys Lys Ala Tyr Glu
 165 170 175

Leu Glu Gln Glu Leu Gln Gln Glu Tyr Asp Asp Asp Asp Gly Gln Cys
 180 185 190
 Glu Cys Cys Arg Asn Arg Cys Cys Pro Asp Gly Gln Glu Pro Val Ile
 195 200 205
 Leu Glu Arg Lys Leu Pro Tyr His Met Arg Leu Glu His Ala Leu Met
 210 215 220
 Ser Phe Ala Ile Arg Arg Ser Asn Lys Leu
 225 230

<210> 17
 <211> 160
 <212> PRT
 <213> H. sapiens

<400> 17
 Met Val Pro Ser Ala Gly Gln Leu Ala Leu Phe Ala Leu Gly Ile Val
 1 5 10 15
 Leu Ala Ala Cys Gln Ala Leu Glu Asn Ser Thr Ser Pro Leu Ser Ala
 20 25 30
 Asp Pro Pro Val Ala Ala Ala Val Val Ser His Phe Asn Asp Cys Pro
 35 40 45
 Asp Ser His Thr Gln Phe Cys Phe His Gly Thr Cys Arg Phe Leu Val
 50 55 60
 Gln Glu Asp Lys Pro Ala Cys Val Cys His Ser Gly Tyr Val Gly Ala
 65 70 75 80
 Arg Cys Glu His Ala Asp Leu Leu Ala Val Val Ala Ala Ser Gln Lys
 85 90 95
 Lys Gln Ala Ile Thr Ala Leu Val Val Val Ser Ile Val Ala Leu Ala
 100 105 110
 Val Leu Ile Ile Thr Cys Val Leu Ile His Cys Cys Gln Val Arg Lys
 115 120 125
 His Cys Glu Trp Cys Arg Ala Leu Ile Cys Arg His Glu Lys Pro Ser
 130 135 140
 Ala Leu Leu Lys Gly Arg Thr Ala Cys Cys His Ser Glu Thr Val Val
 145 150 155 160